600-249

128/23

Presenting
TO THE DENTAL PROFESSION

Ritter Fluorescent Operating Light

THE MIRACLE THAT BECAME AN ACTUALITY ALMOST OVERNIGHT

Designed, **for Dental Use by Ritter Engineers** —

- *for Color Matching*
- *for Coolness*
- *for North Light Effect*
- *for Non-Glare*

PATENT OFFICE
NOV 2 1939
DIV. 55

· · · ***AND*** **AFFORDING DIRECT AND INDIRECT LIGHTING · · · ECONOMY · · · EASE OF ADJUSTMENT · · · FLEXIBILITY**

600/249

The Light you have been expecting!

You Can Definitely Match Te
under this *New - Cool* R

More Than Twice the Light
with One-fifth the Current

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THE new *Ritter Fluorescent Operating Light* has brought gasps of amazement from dentists who "pre-viewed" it . . . marvelous North Light effect . . . abundant light . . . yet so glare free . . . so softly beautiful . . . so flattering to everything it illuminates in the dental operatory.

Yet the greatest sensations of all are these outstanding features . . . wonderful for color matching . . . sufficient light for both intra-oral and general illumination . . . coolness . . . economy—it gives more than twice as much light with one-fifth the current.

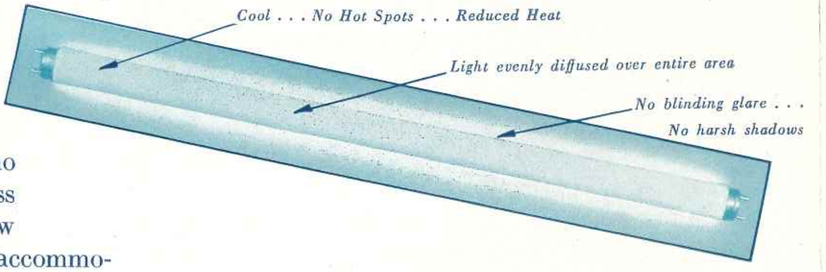
It gives highest quality of illumination without glare . . . without harsh shadows . . . so cool it is comfortable to work under hour after hour—*at approximate room temperature.*

PATENT OFFICE
NOV 21 1939
DIV. 55

A modern operatory equipped with

●

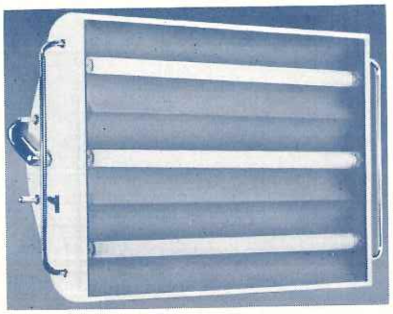
A "close-up view" of one of the five tubes used in the new Ritter Fluorescent Operating Light. Notice how the tube glows evenly from end to end.

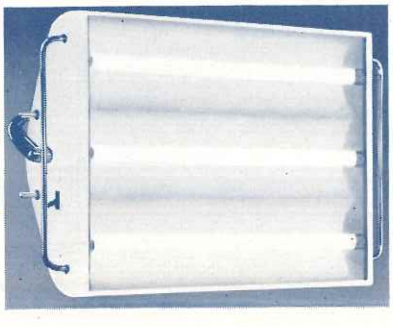

Cool . . . No Hot Spots . . . Reduced Heat
Light evenly diffused over entire area
No blinding glare . . .
No harsh shadows

●

There is perfect diffusion of light over a broad area . . . no over- or under-illumination in spots . . . it has effortless adjustment . . . is easy to focus . . . you can place this new light at *any position* away from the field of operation to accommodate *your eyes*, to the side, to the front, tilted to a 10 degree angle, or as much as a 50 degree angle . . . set it thirty-six inches away from the operating field, or twenty - four inches, or whatever distance is best for your vision, for after all, *your eyes* are the ones to be accommodated.

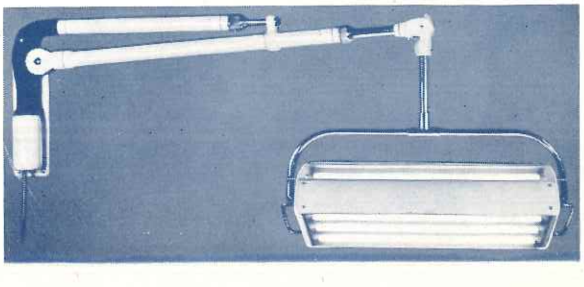
Any distance assures freedom of operation at all times . . . easy access to instruments . . . the new Ritter fluorescent light permits efficient operation with only five fifteen-watt lamp tubes (75 watts in all), assuring consistent coolness at all times, to both patient and operator.





These pictures are "close-up views" of the Ritter Fluorescent Operating Light. UPPER—*the light in its natural state* before *illumination.* BELOW—*the light when lit showing three of the five fluorescent lamp tubes for intra-oral and direct illumination.*

With Wall Bracket Mounting



eth in Your Own Operatory
itter Fluorescent Light

ENT OFFICE
NOV 21 1939
DIV. 55

the new Ritter Fluorescent Light

Extraordinary North Light Effect with This New Operating Light

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ONE of the greatest advancements in dentistry is the use of the new Ritter Fluorescent Operating Light because it brings North Light effect into your own operatory.

Color matching as well as color mixing can now be more efficiently and conveniently performed than ever before under artificial lighting . . . no longer need you step to the window for daylight to check your matching of color shades . . . no more guessing when you match shades as one must do when operating under an ordinary light.

Your Ritter dealer has an amazing test chart which clearly demonstrates color changes under different lighting conditions . . . place it under your present operating room light or any ordinary light . . . then compare it under the Ritter Fluorescent Operating Light . . . note the difference, and how this light is comparable to natural northern daylight at noon of a summer's day.

Not only does this new fluorescent light provide illumination for the entire field of operation, but it also is designed to give both direct and indirect lighting—balanced, soft illumination in your operating room.

Ritter has adopted the latest of metals in the technical world, Alzak aluminum (virgin aluminum) reflectors which are non-tarnishable . . . time and usage do not affect their reflectivity . . . there is practically no loss in efficiency as compared with as much as a 50 per cent. depreciation in other types of reflectors.

●

This light can be adapted to any type of Unit or Tri-Dent which you are now using, regardless of manufacture . . . also available in wall mounting bracket type.

Better Vision — Relief from Eyestrain

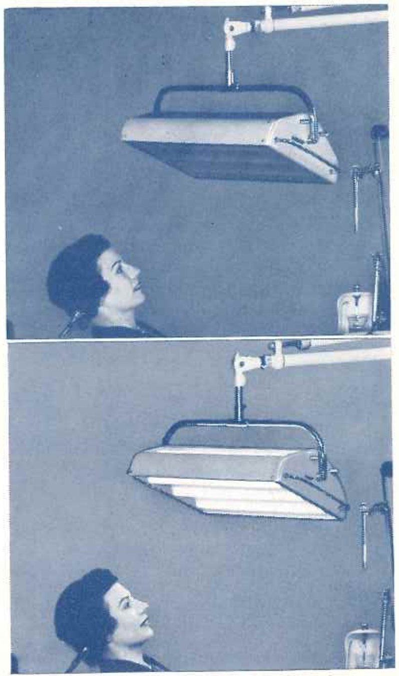
Now, for the first time, the profession is offered *better vision* by *relief from eyestrain*, thus producing improved physical fitness through the use of the new Ritter Fluorescent Operating Light.

No longer need you strain your eyes while performing delicate operations, for you can change to this new light which gives startling North Light effect and carries out the long sought objective of "*better light* for *better sight*."

Find out today what this new miracle light means to you from a health standpoint in its daily use.

Your Ritter dealer will be glad to demonstrate it, and at the same time inform you how operating light electric bills may be reduced as much as 80 per cent.

The Camera Tells the Story


These natural photographs tell the complete story of the new Ritter Fluorescent Operating Light. Note in the picture (above) the deep shadows and lack of detail under ordinary lighting conditions. Contrast it with the lower one, under Ritter fluorescent lighting, with its soft, beautiful North Light effect bringing out all details.

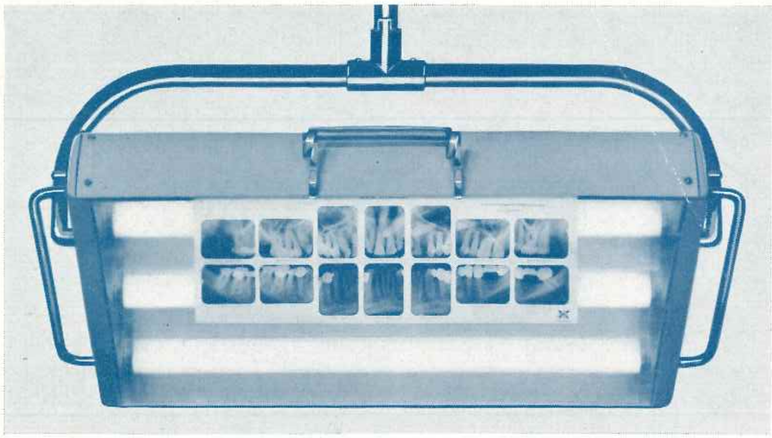
Match Colors Amazingly

With This New, Cool

DENTAL LIGHT

PATENT OFFICE
NOV 2 1939
DIV. 55

Invaluable for Radiographic Diagnosis!



A "close-up view" of the X-ray holder with mounted films shown on the face of the Ritter Fluorescent Operating Light . . . displaying how vividly radiographs are portrayed . . . in contrast, definition and detail, through the medium of this natural North Light effect diffusion.

This new, cool

Ritter *Fluorescent Operating* Light

Provides Three-Fold Illumination

Although the Ritter Fluorescent Operating Light gives both direct and indirect illumination in the operatory, it serves as a radiographic diagnostic lamp as well.

With the X-ray films in full view the dentist can interpret the radiographs to the patient . . . it permits close-up X-ray study while operating . . . eliminates the necessity for a separate illuminated device for reading radiographs.

A specially designed radiographic film holder can be obtained for use with the new Ritter Fluorescent Operating Light.

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Ritter Park Rochester, N. Y.

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